LIST OF PREPARERSa

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		Section								Appendix													
	Name	S	1	2	3	4	5	6	7	8	A	В	С	D	E	F	G	Н	I	J	K	L	M
R. P.	Barr, Jr.		-		х	·							х										
B. W.	Bartram					x	х					x											
Γ. W.	Beak												x										
E. F.	Benz			x		x	x																
	Bradford						x															x	
	Breslauer							х	х												х		
	Brode				x																		
. Che						x											x						
	Davis					x				x												x	
	DiMento					х	x																
	Erickson b	<del></del>																					
	Fallin																x						
	Feldhausen	х			х	х	х							X		x						x	2
	Forster																x						
	Friday				x	x							x						x				
	Gille					х																Х	
	Goldman <sup>C</sup>																						
	Gridley			x		x	x								X								
	Hagius					х	x					x											
	Jayne					x	x																
. S.																	x						
	Koerner				х												. <b>.</b> .						
	Lauzau			X																			
	Maltese			X		x	x										x						2
	Marcy, Jr.				x	X	X		X				x						X			х	7
	Mirsky					х											x						
	Nathan					х											X						
	Nelson				Х																		
	Nugent, Jr.					x	X												x			x	
	O'Reilly					x											X						
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	Schlegel					X	X					X											
	Shipler																	x			Х		2
	Shipmand																						
	Shoup		х	X							Х												2
	Simmons				<u> x</u>		<u> </u>																
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	Toblin				X	X										x						X	
	Toth					X											X	X					
	Tsengb																						
. A.	Vissing				Х									X									
1. E.	Wisenbakerb																						

<sup>&</sup>lt;sup>a</sup>This Environmental ...pact Statement was reviewed and approved in accordance with DOE Order 5440.1B, Implementation of the National Environmental Policy Act. bPrimary Reviewer for DOE Savannah River Operations Office.

cPrimary Reviewer for NUS Corporation.

dTe hnical Editor.

Ralph P. Barr, Jr.

AFFILIATION

NUS Corporation

EDUCATION

B.A., Biology, Slippery Rock State University

Graduate studies, Duquesne University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 12 years (Publications). Ecological

assessment, fisheries, ichthyoplankton.

EIS RESPONSIBILITY

Prepared Section 3.6.2 and assisted in preparation of

Appendix C.

NAME

Bart W. Bartram

AFFILIATION

NUS Corporation

EDUCATION

M.S., Mechanical Engineering (Energy and Power Option),

George Washington University

M.S., Physics, University of Washington

B.S., Physics, Mount Union College

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 11 years (Environmental Sciences). Emphasis on radiological impact assessments of uranium

fuel cycle facilities and space nuclear systems.

EIS RESPONSIBILITY

Contributor of Appendixes B and M, Sections 4.1.2 and

5.1.2

NAME

Thomas W. Beak

AFFILIATION

-NUS Corporation

EDUCATION

B.Sc., Biology, University of London

<u>NAME</u>

Edward F. Benz

AFFILIATION

NUS Corporation

**EDUCATION** 

M.S., Chemical Engineering, Carnegie-Mellon University

B.S., Chemical Engineering, Carnegie Institute of

Technology

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 17 years. Nuclear reactor and plant

systems design and engineering.

EIS RESPONSIBILITY

Contributor to Sections 2.3, 4.4, and 5.1.

Bruce H. Bradford

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

Ph.D., Civil Engineering, Colorado State University M.S., Civil Engineering, University of Missouri B.S., Civil Engineering, University of Missouri

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 18 years. Hydrology, hydraulics, water resources, civil engineering, wastewater reuse, water treatment, cooling water, and steam

generation.

EIS RESPONSIBILITY

Participated in preparation of Chapter 5 and Appendix L.

NAME

Stephen K. Breslauer

**AFFILIATION** 

SB Services

**EDUCATION** 

M.B.A., University of Houston B.A., Physics, Cornell University

Graduate courses in nuclear engineering, University of

Cincinnati

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 23 years. Management in environmental programs, nuclear-plant siting studies, multidisciplinary studies; safety evaluation of nuclear

facilities.

EIS RESPONSIBILITY

Contributor to Chapters 6 and 7, and Appendix K.

NAME

Roger W. Brode

**AFFILIATION** 

NUS Corporation

EDUCATION

M.S., Atmospheric Science, University of Illinois B.S., Atmospheric Science and Psychology (2 majors), University of Illinois

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 5 years (Publications). Environmental

meteorology.

EIS RESPONSIBILITY

Assisted in the preparation of Section 3.5.

Michael Cheok

AFFILIATION

NUS Corporation

EDUCATION

M.S. (in progress), Mechanical/Nuclear Engineer,

University of Maryland

B.S., Nuclear Engineering, University of Maryland

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 5 years. Consequence assessment, offsite

doses.

EIS RESPONSIBILITY

Assisted with preparation of Section 4.2.1.4 and

Appendix G.

NAME

Rodney J. Davis

AFFILIATION

NUS Corporation

EDUCATION

Ph.D., Chemistry, Iowa State University

M.S., Chemistry, University of New Hampshire B.S., Chemistry, University of New Hampshire

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 29 years (Publications - 30). Surface and

fission product chemistry, nuclear siting, environmental impact assessment, interdisciplinary project

management.

EIS RESPONSIBILITY

Major preparer of Sections 4.6 and 4.7, and Chapter 8.

Contributor to Appendix L.

NAME

Louis J. DiMento

AFFILIATION

NUS Corporation

EDUCATION

Ph.D., Urban and Regional Planning, University of

Michigan

M.S., Electrical Engineering, University of Michigan

B.S., Bioengineering, Syracuse University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 9 years. Socioeconomics.

EIS RESPONSIBILITY

Contributor to Sections 4.1.1.1, 4.3, 5.1.1.1, and

5.2.1.

Ralph E. Erickson

AFFILIATION

U.S. Department of Energy

**EDUCATION** 

M.S., Mechanical Engineering, University of South

Carolina

B.S., Mechanical Engineering, California State

Polytechnic University at Pomona

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 12 years. Radioactive waste management, nuclear reactor design, construction and renovation activities, interdisciplinary project management.

EIS RESPONSIBILITY

Reviewer for Savannah River Operations Office.

NAME

Michael R. Fallin

**AFFILIATION** 

NUS Corporation

EDUCATION

B.S., Mechanical Engineering/Nuclear Engineering, University of Maryland

EXPERIENCE TECHNICAL SPECIALTY Experience - 5 years (Publications). Radiological analysis, safety analysis, consequence analysis,

nuclear fuel quality assurance.

EIS RESPONSIBILITY

Prepared Appendix G.

NAME

Peter H. Feldhausen

AFFILIATION

NUS Corporation

EDUCATION

M.S., Geology, University of Wisconsin B.S., Geology, University of Wisconsin

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 26 years (Publications - 29). Registered geologist and geophysicist; environmental assessment, geology/seismology, hydrology, radioactive cesium transport, alternative cooling water, wetlands

assessment.

EIS RESPONSIBILITY

Prepared Sections 3.3 and 3.4, Appendixes D, F, L, and M. Contributor to Sections 4.1, 4.2, 4.4, 4.7, 5.1, and 5.2.

Gary A. Forster

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

B.S., Mechanical Engineering, Penn State University B.A., Political Science, Penn State University

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 2 years. Thermal/hydraulic analyses using computer codes; piping and HVAC analyses for reactor containment buildings.

EIS RESPONSIBILITY

Prepared Appendix G.

NAME

Gary P. Friday

AFFILIATION

NUS Corporation

EDUCATION

Ph.D., Fisheries and Wildlife, Michigan State University

M.A., Biology, North Texas State University B.A., Biology, North Texas State University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 10 years. Certified wildlife biologist, terrestrial ecologist, specialist in habitat analysis, mitigation of ecological systems, wetlands assessment.

EIS RESPONSIBILITY

Prepared terrestrial portions of Sections 3.6.1 and 4.1.1.4, terrestrial ecology section of Appendix C, and Appendix I. Contributed to Sections 4.4.2 and 5.2.4.

NAME

Roland W. Gille

AFFILIATION

NUS Corporation

**EDUCATION** 

B.S., Mechanical Engineering, University of Wisconsin

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 13 years. Environmental engineering, pollutant dispersion modeling, pollution control, safety, ventilation, and nuclear waste disposal.

EIS RESPONSIBILITY

Participated in preparation of Chapter 4 and Appendix L.

Morton I. Goldman

**AFFILIATION** 

NUS Corporation

EDUCATION

Sc.D., Massachusetts Institute of Technology

M.S., Nuclear Engineering, Massachusetts Institute of

Technology

M.S., Sanitary Engineering, Massachusetts Institute of

Technology

B.S., Civil Engineering, New York University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 35 years (Publications). Corporate
Technical Director; senior management of site evalu-

ation, safety and environmental assessment, and environmental impact evaluations. Professional

Engineer.

EIS RESPONSIBILITY

Primary reviewer for NUS Corporation.

NAME

Charles F. Gridley

AFFILIATION

NUS Corporation

**EDUCATION** 

B.S., Chemical Engineering, Georgia Institute of

Technology

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 6 years. Process and equipment evaluation

for contact and remote operations, radwaste systems, and water treatment systems; mitigating design

feature recommendations.

EIS RESPONSIBILITY

Prepared Sections 2.1, 2.2, 4.1.1.5, 4.4.4, and

5.1.1.4, and Appendix E.

NAME

Kendrick V. Hagius

AFFILIATION

NUS Corporation

**EDUCATION** 

M.S., Nuclear Engineering, Louisiana State University

B.S., Engineering Science, Louisiana State University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 4 years. Source term assessments, safety and accident analysis, radiological dose analyses.

EIS RESPONSIBILITY

Prepared Sections 4.1.2, 5.1.2, and 5.2.6, and

Appendix B.

Julie B. Jayne

AFFILIATION

NUS Corporation

EDUCATION

B.S., Chemical Engineering, Pennsylvania State

University

EXPERIENCE

Experience - 2 years. Process Engineering.

TECHNICAL SPECIALTY

EIS RESPONSIBILITY

Prepared Sections 4.4.3.1 and 5.1.1.2.

NAME

Yong S. Kim

AFFILIATION

NUS Corporation

EDUCATION

Ph.D., Nuclear Engineering, The Catholic University of

America

S.M., Nuclear Engineering, M.I.T.

B.S., Chemical Engineering, University of Wisconsin

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 20 years. Nuclear engineering, core analysis, criticality analysis, core design, fuel rack licensing activities, in-core fuel management, computer code development; Professional Engineer -

State of Maryland, State of California.

EIS RESPONSIBILITY

Prepared Section G.2 of Appendix G.

NAME

John M. Koerner

AFFILIATION

NUS Corporation

EDUCATION

Ph.D. (Candidacy), Geography, University of Michigan

M.A., Geography, University of Colorado B.A., Geography, University of Michigan

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 16 years. Environmental impact analysis

of physical and social sciences, environmental

planning, technical surveys and research.

EIS RESPONSIBILITY

Reviewer of Sections 3.1 and 3.2.

Bryan P. Lauzau

AFFILIATION

NUS Corporation

**EDUCATION** 

M.S., Physics, Clarkson College of Technology

B.A., Physics, State University of New York at Potsdam

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 6 years (Publications). Reactor physics, reactor plan operation, radiological environmental control, radiation protection, radiological dose

assessment, radioactive waste management.

EIS RESPONSIBILITY

Prepared Section 2.3.

NAME

Jay G. Maltese

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

M.S., Operations Research, George Washington University B.S., Mathematics, Fairleigh Dickinson University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 20 years. Direction management and performance of studies associated with safety, feasibility, economics of various power assessment and fuel cycle facilities.

EIS RESPONSIBILITY

Reviewer of Chapter 4, Sections 2.3, 4.2, 4.3, and 5.1, Appendixes G and M.

NAME

Barton C. Marcy, Jr.

AFFILIATION

NUS Corporation

**EDUCATION** 

M.S., Zoology - Ichthyology, University of Connecticut B.S., Biology, Wake Forest University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 20 years (Publications). Environmental impact studies, ichthyoplankton and entrainment studies, fisheries and impingement, aquatic ecology,

and marine biology.

EIS RESPONSIBILITY

Principal investigator for EIS preparation. Contributor to Chapters 3, 4, 5, and 7, Appendixes C, I, L, and M.

Steven M. Mirsky

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

M.S., Nuclear Engineering, Pennsylvania State

University

B.E., Mechanical Engineering, Cooper Union

EXPERIENCE

Experience - 8 years. Thermal hydraulic safety

TECHNICAL SPECIALTY analysis of nuclear power plants.

EIS RESPONSIBILITY

Assisted in preparation of Appendix G and Chapter 4.

NAME

Steven J. Nathan

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

A.B., Physics, The Johns Hopkins University

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 21 years (Publications). Radiological

analysis, registered professional engineer - State of Maryland; Manager of Radiological Analysis

Department.

EIS RESPONSIBILITY

Assisted in preparation of Sections 4.2, 4.4, and

Appendix G.

NAME

Clark A. Nelson

AFFILIATION

NUS Corporation

EDUCATION

M.S., Physical Geography, Oregon State University

B.A., Geography, University of Delaware

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 10 years. Land use impacts, remote

sensing, environmental planning.

EIS RESPONSIBILITY

Contributor to Section 3.2.

Richard S. Nugent, Jr.

AFFILIATION

NUS Corporation

**EDUCATION** 

Ph.D., Marine Sciences, University of Miami

M.S., Biology, Boston College B.S., Biology, Boston College

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 14 years. Environmental impact studies, water quality, thermal studies, freshwater and marine

ecology, entrainment and impingement studies,

environmental permitting.

EIS RESPONSIBILITY

Prepared Chapters 3 and 4, Appendixes I and L.

NAME

Patrick D. O'Reilly

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

Ph.D., Physics, University of Oklahoma M.S., Physics, University of Oklahoma B.A., Physics, Oklahoma City University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 15 years (Publications). Reliability and risk assessment, project management, radioactive waste disposal, reactor licensing, reactor systems, thermal and hydraulic analysis, analytical model development, nuclear safety experimentation, LMFBR accident analysis.

**EIS RESPONSIBILITY** 

Contributor to Sections 4.2.1.4 and 4.4.1.2, and preparer for Sections G.4.2, G.4.6, and G.4.7.

NAME

Hans Renner

AFFILIATION

NUS Corporation

EDUCATION

M.S., Mechanical Engineering, Lehigh University B.S., Mechanical Engineering, Rutgers University

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 25 years. Nuclear/thermohydraulic design and analysis of light water reactors; safety analysis; environmental assessment; Professional Engineer - State of Maryland.

EIS RESPONSIBILITY

Contributor to Sections 4.2 and 4.4.1, Appendixes G and J.

Irwin J. Samec

AFFILIATION

NUS Corporation

EDUCATION

M.U.R.P., Michigan State University

B.A., Sociology, Illinois Wesleyan University

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 13 years. Environmental planning, environmental impact statements, and socioeconomic impact analysis; socioeconomics and land-use characterizations; water pollution abatement; transporta-

tion analysis.

EIS RESPONSIBILITY

Prepared Summary, Appendixes K and M.

NAME

Robert L. Schlegel

AFFILIATION

NUS Corporation

EDUCATION

Degree of Nuclear Engineer, Columbia University M.S., Nuclear Engineering, Columbia University

B.S., Chemical Engineering, M.I.T.

EXPERIENCE

TECHNICAL SPECIALTY

Experience - 15 years. Dose assessments, environmental

impacts, siting, accident assessments.

EIS RESPONSIBILITY

Contributor to Sections 4.1.2, 5.1.2, 5.2.6, and 5.2.7,

and Appendix B.

NAME

Dillard B. Shipler

**AFFILIATION** 

NUS Corporation

**EDUCATION** 

M.S., Physics, University of Wisconsin, Milwaukee B.S., Science/Mathematics, South Oregon College

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 27 years. Teaching Biology and Physical Sciences, environmental and occupational safety research and development, health physics and impact

analyses, nuclear facility siting and licensing.

EIS RESPONSIBILITY

Prepared Appendixes H, K, and M.

John O. Shipman

AFFILIATION

NUS Corporation

EDUCATION

A.B., English Literature, Georgetown University

**EXPERIENCE** 

Experience - 17 years. Technical publications;

TECHNICAL SPECIALTY

editing/writing/management--multidiscipline documents; environmental documentation. Publications

quality control.

EIS RESPONSIBILITY

Editor.

NAME

Robert Lynn Shoup

AFFILIATION

NUS Corporation

EDUCATION

Ph.D., Nuclear Physics, Florida State University

B.S., Physics, Michigan State University

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 13 years. Preparation of Environmental

Impact Statements; environmental, safety analysis and

licensing activities.

EIS RESPONSIBILITY

Prepared Chapters 1 and 2, Appendixes A and M.

NAME

Ralph C. Simmons

AFFILIATION

NUS Corporation

**EDUCATION** 

M.S., Meteorology, University of Michigan

B.A., Meteorology, UCLA

**EXPERIENCE** 

TECHNICAL SPECIALTY

EIS RESPONSIBILITY

Experience - 40 years. Meteorology, climatological

consultant, computer applications.

Contributor to Section 3.5.

NAME

Keith Timbre

AFFILIATION

NUS Corporation

EDUCATION

M.S., Atmospheric Science, Colorado State University B.S., Atmospheric and Oceanic Science, University of

Michigan

**EXPERIENCE** 

TECHNICAL SPECIALTY

Experience - 7 years. Air quality/meteorology; data

processing and reporting.

EIS RESPONSIBILITY

Preparation of Sections 3.5, 4.1.1.6, 4.3.1.1, and

5.1.1.3; parts of Appendix B; contributor to

Section 4.2.

Alan L. Toblin

AFFILIATION

NUS Corporation

EDUCATION

M.S., Chemical Engineering, University of Maryland B.E., Chemical Engineering, The Cooper Union

Experience - 13 years. Hydrologic transport analyses.

EXPERIENCE

TECHNICAL SPECIALTY

EIS RESPONSIBILITY

Prepared Sections 3.4.1 and 3.4.2, Chapter 4, and

Appendixes F and L.

NAME

Karl J. Toth

AFFILIATION

NUS Corporation

EDUCATION

M.A., Systems Analysis, Southern California University

\_\_\_\_\_

EXPERIENCE TECHNICAL SPECIALTY Experience - 32 years. Pilot, safety engineer, USAF;

consulting engineer.

EIS RESPONSIBILITY

Assisted in preparation of Chapter 4 and Appendix G.

NAME

John C. Tseng

AFFILIATION

Savannah River Operations, Department of Energy

EDUCATION

M.B.A., University of South Carolina

M.S., Environmental Health Engineering, Northwestern

University

B.S., Aeronautical and Astronautical Sciences, Massa-

chusetts Institute of Technology

**EXPERIENCE** 

TECHNICAL SPECIALTY

EIS RESPONSIBILITY

Experience - 12 years (Publications). Environmental engineering and radiation protection, compliance with regulations, environmental monitoring, environmental

impact assessment; Professional Engineer - State of Illinois.

Primary reviewer for Savannah River Operations.

E. A. Vissing

AFFILIATION

NUS Corporation

**EDUCATION** 

B.S., Mathematics, Campbell University

**EXPERIENCE** 

Experience - 8 years. Shielding design analysis,

TECHNICAL SPECIALTY

radiation dose assessments, source term development,

quality assurance.

EIS RESPONSIBILITY

Contributor to Section 3.7.2 and Appendix D.

NAME

William E. Wisenbaker

**AFFILIATION** 

Savannah River Operations, Department of Energy

EDUCATION

M.B.A., Management, Georgia State University

B.S., Chemistry, University of Georgia

EXPERIENCE

Experience - 17 years. Air quality, ecology, environ-

mental impact assessment.

EIS RESPONSIBILITY

TECHNICAL SPECIALTY

Primary reviewer for Savannah River Operations.